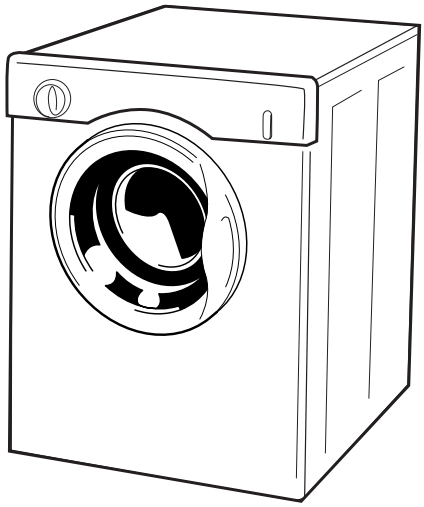
White Knight

SERVICE MANUAL

White Knight Uni-directional Compact Dryers - UK

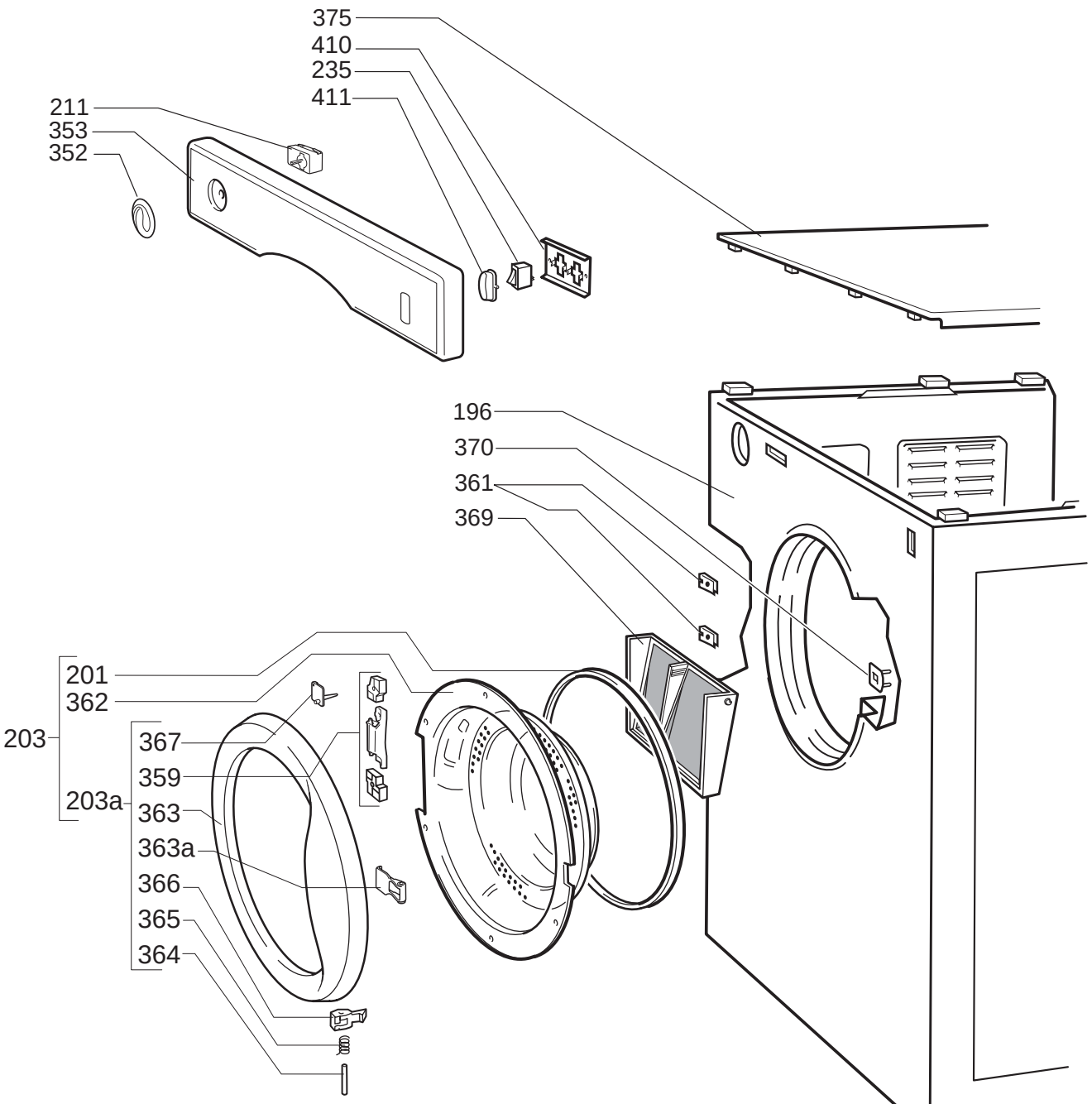
0312 37A 15190 - 37AW
0312 37A 15090 - 37AW
0312 37A 15191 - CL3A



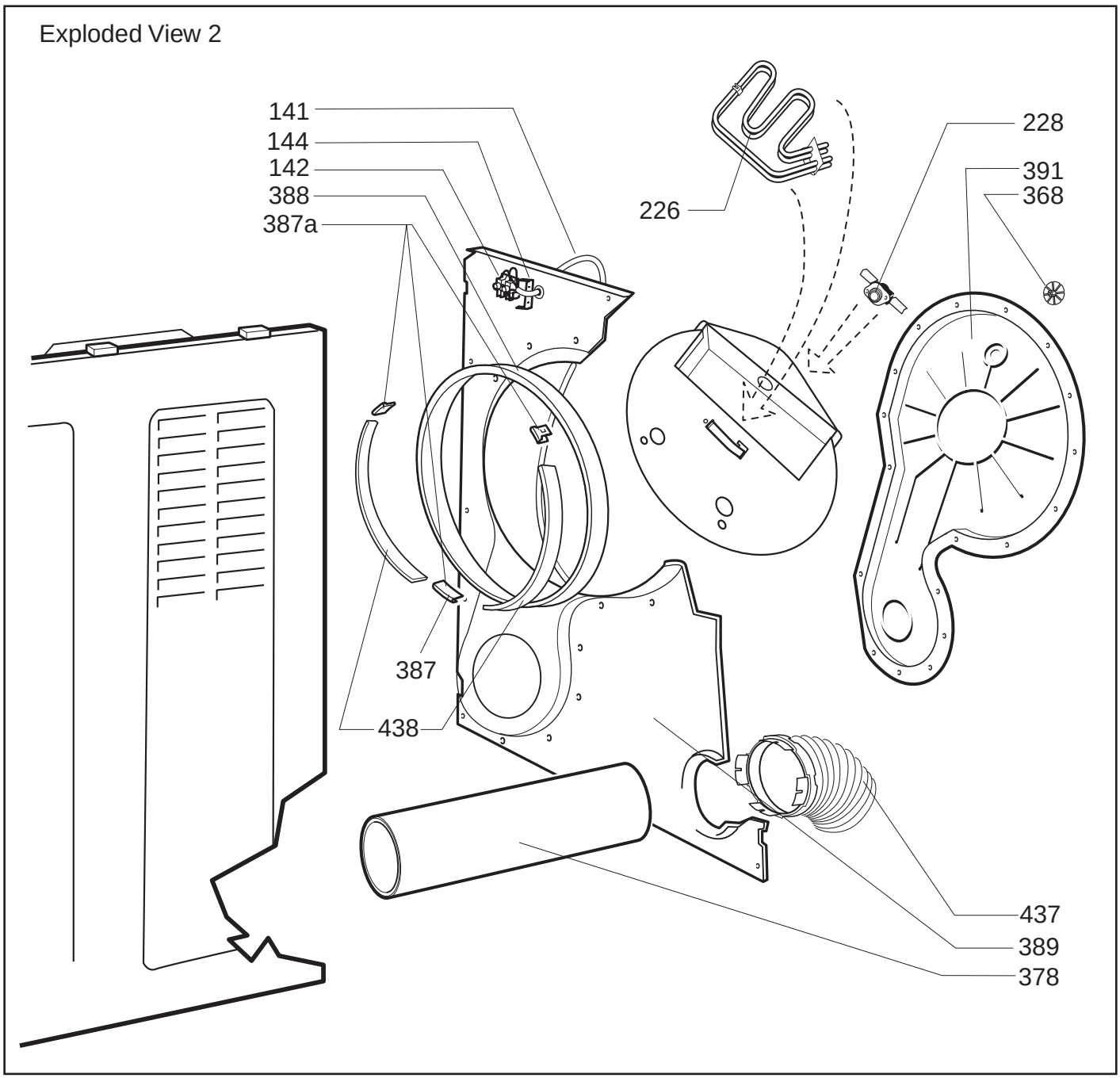
Wiring Diagrams
Exploded Views
Parts List

December 2008

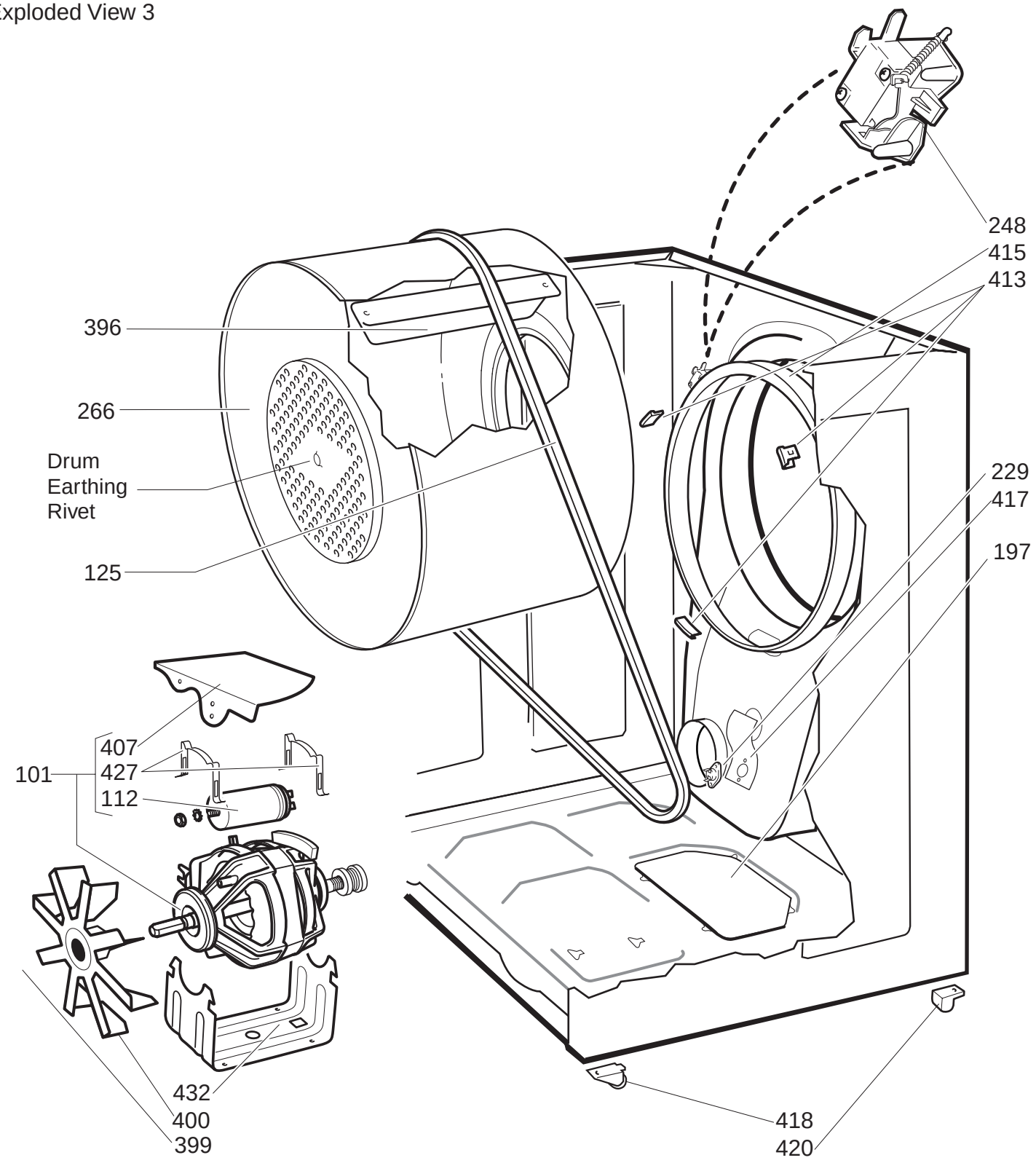
Exploded View 1



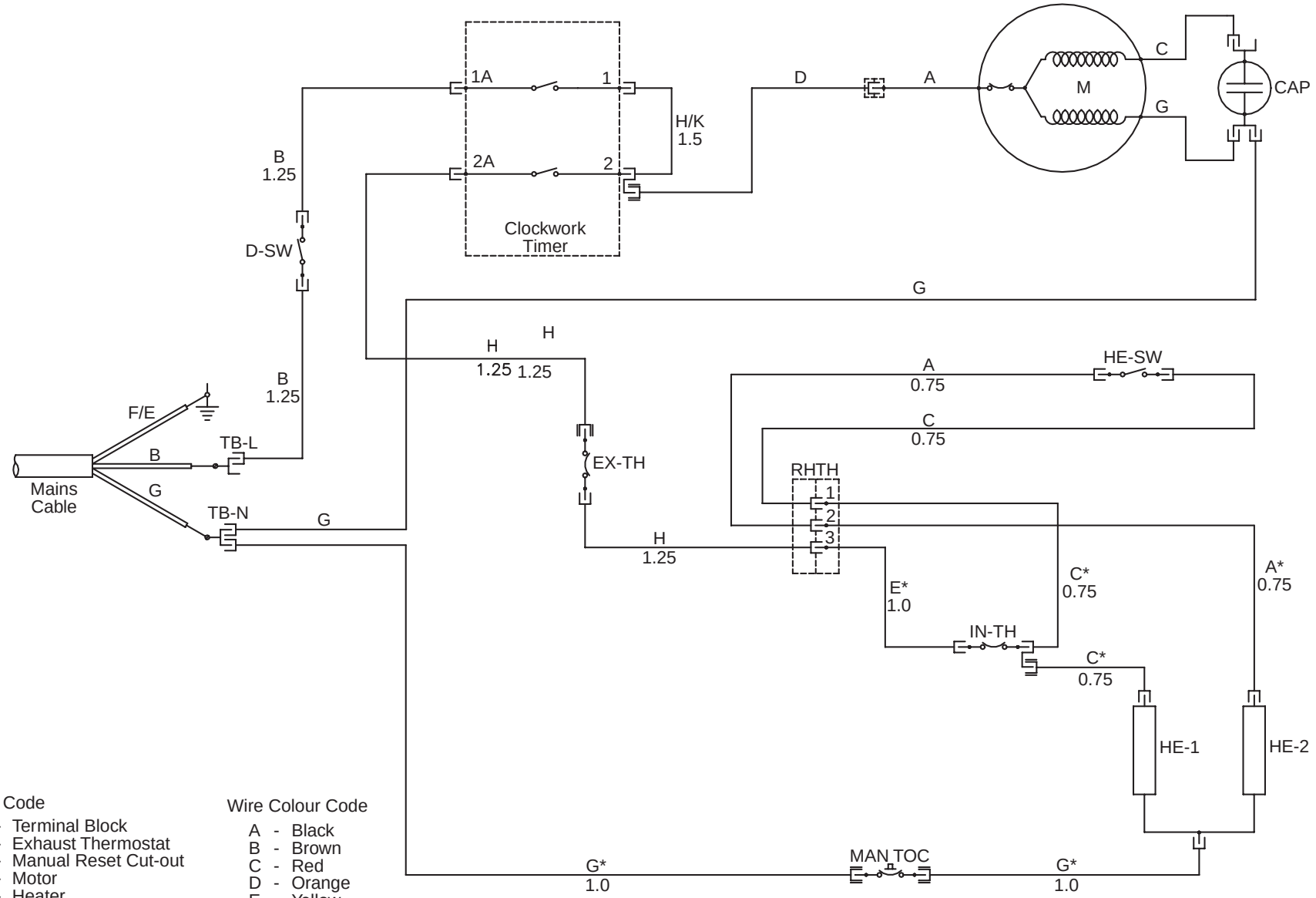
Exploded View 2



Exploded View 3



Wiring Diagram



Component Code

TB	-	Terminal Block
EX-TH	-	Exhaust Thermostat
MAN TOC	-	Manual Reset Cut-out
M	-	Motor
HE	-	Heater
HE-SW	-	Heat Switch
CAP	-	Capacitor
D-SW	-	Door Switch
IN-TH	-	Inlet Thermostat
TH	-	Tab Housing
RH	-	Receptacle Housing

Wire Colour Code

A	-	Black
B	-	Brown
C	-	Red
D	-	Orange
E	-	Yellow
F	-	Green
G	-	Blue
H	-	Violet
K	-	White

WHITE KNIGHT Compact Air Vented Dryer Parts List

Item	Description	Code	Expl.View
101	**Motor, Pulley & Capacitor Assembly (3 groove)**	**4213 092 27191**	**3**
101	**Motor, Pulley & Capacitor Assembly (4 groove)**	**4213 092 45251**	**3**
112	8uf Capacitor Assembly	4213 092 08091	3
125	**Drive Belt (3 rib)**	**4213 078 54161**	**3**
125	**Drive Belt (4 rib)**	**4213 078 57381**	**3**
141	Mains Cable & Plug	4213 076 35123	1&2
142	Terminal Block	4213 078 44621	3
144	Earth Tab Assembly	4213 092 41181	3
196	**Cabinet Assembly - Euro White**	**4213 092 27391**	**1**
196	**Cabinet Assembly - Mid White**	**4213 092 46261**	**1**
197	Access Cover	4213 070 13841	3
201	Door Seal	4213 077 08344	1
203	**Complete Continental Door Assembly - Euro White**	**4213 092 28041**	**1**
203	**Complete Continental Door Assembly - Mid White**	**4213 092 46271**	**1**
211	**Timer - Euro White**	**4213 078 52361**	**1**
211	**Timer - Mid White**	**4213 078 57481**	**1**
226	Heater Mounting Plate Assembly on machines with Sheathed Heaters	Not now available as a spare part	2
226a	Sheathed Heater	4213 092 35791	2
227	Sheathed Heater & Mounting Plate Complete Assembly	Available on production of Serial No	2
228	Combined Inlet/TOC	4213 092 35811	2
229	Exhaust Thermostat	4213 078 48373	3
235	Heat Selector Rocker Switch	4213 078 51061	1
248	Microswitch/Bracket Assembly	4213 092 05251	2&3
266	Drum Assembly	4213 092 34291	3
352	**Timer Knob Assembly - Euro White**	**4213 092 42821**	**1**
352	**Timer Knob Assembly - Mid White**	**4213 092 46281**	**1**
353	**Control Panel Assembly (37AW) - Euro White**	**4213 092 42831**	**1**
353	**Control Panel Assembly (37AW) - Mid White**	**4213 092 46291**	**1**
353	**Control Panel Assembly (CL3A) - Euro White**	**4213 092 42841**	**1**
353	**Control Panel Assembly (CL3A) - Mid White**	**4213 092 46301**	**1**
359	Hinge Assembly	4213 092 25361	1
361	Captive Nut	8213 130 26301	1
362	Window	4213 077 44095	1
363	**Continental Door Frame - Euro White**	**4213 077 62303**	**1**
363	**Continental Door Frame - Mid White**	**4213 077 92132**	**1**
363a	**Continental Door Handle - Euro White**	**4213 077 61623**	**1**

PLEASE NOTE: Bold text indicates choice of different parts depending on the model.

WHITE KNIGHT Compact Air Vented Dryer Parts List

363a	**Continental Door Handle - Mid White**	**4213 077 92351**	**1**
364	Latch Pivot	4213 075 13013	1
365	Latch Spring	4213 075 70833	1
366	Door Latch	4213 077 53413	1
367	Switch Strike	4213 077 83571	1
368	Reset Button	4213 077 69321	2
369	Filter	4213 092 38761	1
370	Latch Guide	4213 077 40113	1
375	**Top Cover Assembly - Euro White**	**4213 092 04661**	**1 & 2**
375	**Top Cover Assembly - Mid White**	**4213 092 46311**	**1 & 2**
378	Exhaust Tube	4213 077 69371	2
387	**Rear Bearing Pad Set**	**4213 092 27221**	**2**
387a	**Rear Bearing Pad Set - /23**	**4213 092 52051**	**2**
388	Rear Seal	4213 078 43981	2
389	Back Panel Assembly	4213 092 40431	2
391	Rear Banjo Cover Assembly	4213 092 40441	2
396	Lifter	4213 077 69331	3
400	Fan Assembly	4213 080 30211	3
407	Motor Drip Cover	4213 070 08344	3
410	Rocker Switch Bracket	4213 070 10973	1
411	**Softline Button - Euro White**	**4213 077 56852**	**1**
411	**Softline Button - Mid White**	**4213 077 92511**	**1**
413	Front Bearing Pad Set	4213 092 09731	3
415	Front Seal	4213 078 43981	3
417	Thermostat Cover	4213 074 50602	3
418	Roller Assembly	4213 092 35651	3
420	Foot	4213 077 39833	3
427	Motor Mounting Clip	4213 078 45362	3
432	Motor Mount	4213 080 0675A	3
437	Vent Hose Assembly (short) N.B. not supplied with CL3A	0312 001 02000	2
438	Felt Strip	4213 078 55111	2

Additional Items Not Shown On Exploded Views

User Instruction Booklet	4213 094 5969A
Loom	4213 076 57344

To identify if your dryer has been built with a 4 rib belt and 4 groove pulley a prefix of /20 can be found after the 12 digit code on the rating plate.
IMPORTANT - PLEASE NOTE: The 3 rib belt is NOT interchangeable with the 4 groove belt and vise versa.

Machines manufacutured with serial number 0731706156 or higher have been built using mid white timer (item 211) and control panel (item 353)
All other items are in Euro White

From Mon 06th August 2007, All machines will be built using Mid White Plastic and Painted parts. To identify these machines /21 is added to the rating and

PLEASE NOTE: Bold text indicates choice of different parts depending on the model.

WHITE KNIGHT Compact Air Vented Dryer Parts List

a serial plate - see parts in bold text.

To identify If your dryer requires the three bearing set (Item 387a), /23 has been added to the rating plate.
Older dryers fitted with one rear bearing should NOT have the three bearing set installed as the upper two recesses on the back panel do not the have securing tabs.

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